

### CLAIMS

1 Method of avoiding arc prolongation while interrupting the current, using the shock wave generated by the arc discharge, including the internal concave wall of the body, comprising paraboloidal concave wall, spheroidal concave wall, hyperboloidal concave wall or other concave walls and polyhedral walls which converge and reflect the shock wave onto the prolonged arc point.

2 Method of forming a cartridge current fuse, comprising conductors, fusible element which is electrically connected to conductors, and nonconductive body wherein inner wall of the conductors or/and fuse body forms the concave which converge and reflect the shock wave generated by the arc discharge to make the focus onto the prolonged arc.